

## PP4-GUARD+: STAIN PROTECTOR ENHANCED FORMULA

# TECHNICAL DATA SHEET

### DESCRIPTION

PP4-Guard+ is a breathable semi-penetrating/semi-topical sealer that helps to protect surfaces against stains and etching. PP4-Guard+ creates a water-resistant barrier that prevents liquids from infiltrating the surface, protecting against staining and color dispersion. PP4-Guard+ has better abrasion and chemical resistance and maintains the same easy application methods you've become accustomed to using.

### FEATURES

- PP4-Guard+ is a semi-penetrating stain protector specifically formulated to protect polished, dyed concrete from oil and water-based stains and acidic etching agents
- Bonds with the other 4-PurPolishing components to protect color in slab
- Ready to use (RTU)
- UV stabilizers help protect against fading
- Creates water resistant barrier to prevent staining, etching, and protect color
- PP4-Guard+ is a color enhancer for polished concrete floors with dye
- Provides "window of opportunity" to clean up spills before they stain or etch surface
- Low-odor, non-flammable, VOC compliant (<5 g/L)
- Improved formula provides advanced chemical & abrasion resistance

### USES

Ideal to be used on new or existing polished concrete

### DILUTION & COVERAGE

PP4-Guard+ is shipped Ready to Use (RTU). On polished concrete floors, PP4-Guard+ will cover approximately 2000-2500 sq.ft/gal (49-61 m<sup>2</sup>/L) for each application, depending on the porosity of the concrete. Test areas to determine appropriate application procedure and adjust application rate.

### TECHNICAL DATA

<b>APPLICATION</b>	Spray and Ameripolish® Microfiber Pad	
<b>APPEARANCE</b>	Milky liquid	
<b>PACKAGING SPECIFICATION</b>	<b>Shipping weight</b>	<b>Container</b>
PP4-GUARD+1	10 lbs	1 gallons RTU
PP4-GUARD+5	50 lbs	5 gallons RTU
PP4-GUARD+30	300 lbs	30 gallons RTU
PP4-GUARD+55	550 lbs	55 gallons RTU
PP4-GUARD+250	2500 lbs	250 gallons RTU
<b>SHELF LIFE</b>	1 years	
<b>SOLVENT</b>	Water-based	
<b>VOC</b>	Compliant (5 g/l)	

## PREPARATION

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In most cases, PP4-Guard+ will extend protection against color fading or dissipating, due to variables in application, maintenance and the concrete itself. Complete all grinding, coloring, densification and polishing before applying. Thoroughly clean the surface that PP4-Guard+ is to be applied to, removing all oil, dirt, laitance and other contaminants. Vacuum and clean surface with auto-scrubber and fresh water. Allow to dry thoroughly. New concrete should cure for 28 days.

## APPLICATION

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**Testing:** Prior to starting project, apply PP4-Guard+ to sample area of each type of concrete to be treated, using application procedures proposed for project. Confirm that concrete is receptive to PP4-Guard+.

**Project Conditions:** Ambient temperature during application should be 40-90°F (4-32°C).

**Equipment:** Apply PP4-Guard+ using a low pressure sprayer fitted with Green #4 conical mist tip with 4.2 gal/hr flow at 40 psi (15.9 Uhr at 275.8 kPa) and Ameripolish® Microfiber pad.

**Application:** PP4-Guard+ provides the best protection when applied in two light applications.

1. Submerge Ameripolish® microfiber mop in to wet thoroughly. Ring out excess material. Spray a light mist of onto concrete surface, and immediately spread evenly with Ameripolish® microfiber mop. Apply enough material to attain 100% coverage, without dry streaking or puddling.
2. Once dry to a tack-free state, high-speed burnish fitted with 3000 grit or higher pad.
3. Apply the second coat using same spray and spread method and allow to dry.
4. Once dry to a tack-free state, high-speed burnish fitted with 3000 grit or higher pad.
5. Chemical resistance gains strength over time. Avoid exposure to etching agents for 7 days if possible.
6. Areas that will be exposed to excessive, ongoing spills may benefit from a third application of PP4-Guard+ before burnishing. If additional applications are desired, check that work surface is tack-free before proceeding.

## NEXT STEPS

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Floor is ready for light foot traffic when PP4-Guard+ is tack- free; ready for equipment traffic within 24 hours. PP4-Guard+ cures fully within seven days. However, concrete, even after becoming densified and polished, is still a porous substrate. Densifiers can take up to 2 weeks to attain full densification.

## CLEANING

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Clean tools and equipment immediately with water. Always remove rundown and spills immediately.

## STORAGE

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- Store upright in safe dry place at 40-110°F (4 -43°C)
- Keep product from freezing
- Keep out of reach of children
- Seal container after use
- Do not mix with other chemicals

## VOC COMPLIANCE

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In addition, PP4-Guard+ offers voc compliance with low VOC at <5g/L and is also compliant with national, state and district regulations:

- US Environmental Protection Agency
- California Air Resources Board SCM Districts\*
- South Coast Air Quality Management District\*
- Maricopa County, AZ
- Northeast Ozone Transport Commission

\*Before application, verify product conformance with local and state codes.

## HEALTH AND SAFETY

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Keep out of reach of children. Do not take internally. Before using this product please read the safety data sheet in its entirety! *\*Consult the material safety data sheet for further information.\**

## IMPORTANT NOTICE

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